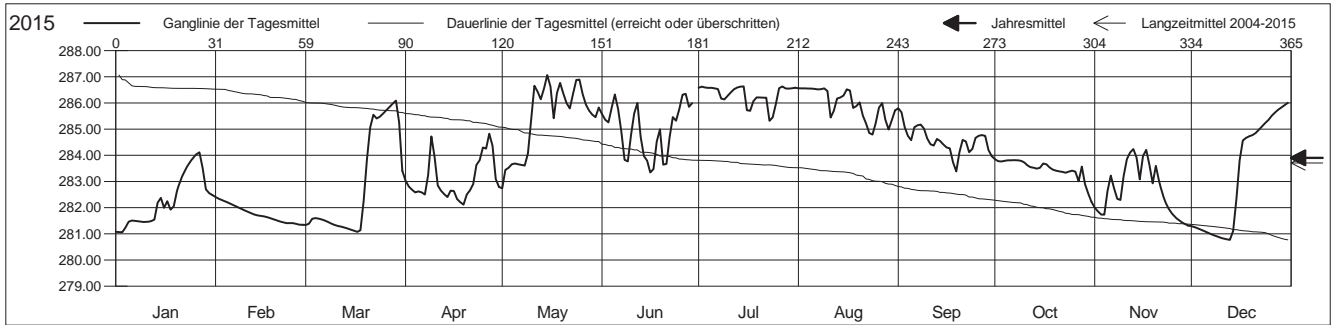


Grundwasserstände

Birstal
 Aesch 11.J.15 Vers.-Anlage
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

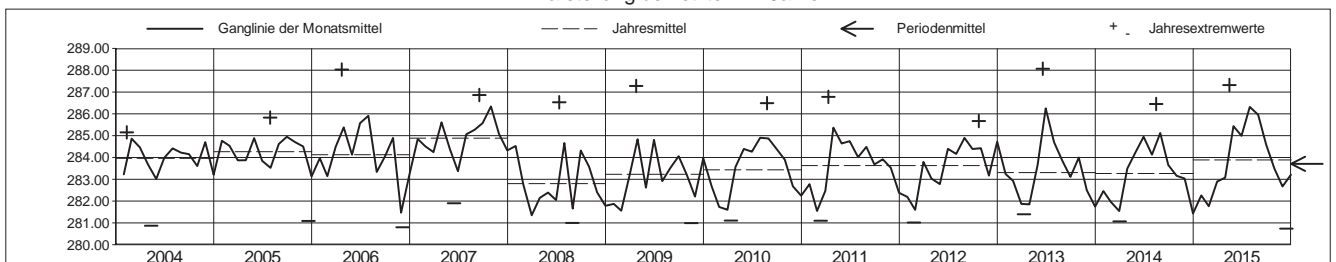
Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2015	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	281.08	282.41 +	281.34	283.03	282.74 -	285.58	286.58	286.56 +	285.80 +	283.86 +	282.00	281.29	1
2	281.07	282.34	281.39	282.81	283.44	285.36	286.62	286.56 +	285.64	283.78	281.86	281.26	2
3	281.06 -	282.29	281.57	282.68	283.52	285.26	286.59	286.56 +	285.08	283.76	281.73	281.22	3
4	281.24	282.23	281.60	282.58	283.66	285.82	286.57	286.55	284.74	283.79	281.73	281.16	4
5	281.46	282.18	281.58	282.62	283.68	286.32	286.58	286.55	284.58	283.81	282.64	281.10	5
Tagesmittel													
6	281.51	282.13	281.55	282.58	283.66	285.77	286.56	286.54	285.08	283.81	283.22	281.05	6
7	281.50	282.07	281.51	282.50	283.63	284.91	286.53	286.52	285.15	283.81	282.74	280.99	7
8	281.47	282.01	281.45	283.24	283.61	283.83	286.17	286.53	285.17	283.81	282.34	280.95	8
9	281.46	281.96	281.39	284.72	284.07	283.77	286.13	286.56 +	285.02	283.79	282.30	280.90	9
10	281.45	281.90	281.34	283.95	285.36	284.77	286.27	286.45	284.64	283.74	283.21	280.86	10
11	281.46	281.84	281.30	282.85	286.65	285.60	286.41	285.44	284.42	283.63	283.85	280.83	11
12	281.49	281.79	281.27	282.65	286.43	286.00	286.52	285.70	284.37	283.55	284.11	280.79	12
13	281.54	281.74	281.24	282.51	286.14	284.71	286.59	286.17	284.62	283.53	284.24 +	280.77 -	13
14	282.19	281.71	281.20	282.41	286.56	283.97	286.62	286.21	284.55	283.49	283.91	281.11	14
15	282.38	281.68	281.16	282.65	287.06 +	283.79	286.63 +	286.28	284.41	283.52	283.08	282.31	15
16	281.99	281.67	281.12	282.63	286.63	283.34	285.72	286.52	284.30	283.69	283.97	283.80	16
17	282.24	281.64	281.08 -	282.33	285.42	283.47	285.70	286.48	284.26	283.66	284.21	284.57	17
18	281.93	281.60	281.14	282.21	286.38	284.53	286.07	285.81	283.73	283.54	283.63	284.66	18
19	282.05	281.56	282.27	282.12 -	286.77	285.00	286.21	285.88	283.38 -	283.45	282.93	284.73	19
20	282.63	281.51	283.83	282.50	286.36	283.64	286.21	286.02	284.11	283.41	283.60	284.77	20
Min. -													
21	282.99	281.47	285.06	282.66	285.99	283.67	286.20	285.52	284.59	283.39	283.01	284.85	21
22	283.31	281.44	285.55	282.90	285.79	284.69	286.20	285.21	284.53	283.36	282.56	284.98	22
23	283.53	281.41	285.41	283.63	286.35	285.46	285.32 -	284.85	284.12	283.34	282.20	285.11	23
24	283.73	281.41	285.47	283.81	286.88	285.32	285.45	284.79 -	284.24	283.38	281.96	285.24	24
25	283.90	281.41	285.59	284.30	286.89	285.76	285.96	285.23	284.66	283.41	281.78	285.35	25
26	284.04	281.38	285.72	284.26	286.34	286.31	286.56	285.82	284.75	283.37	281.63	285.51	26
27	284.11 +	281.35 -	285.84	284.82 +	285.94	286.35 +	286.63 +	286.00	284.77	283.01	281.54	285.64	27
28	283.50	281.35 -	285.98	284.37	285.71	285.85	286.55	285.36	284.74	283.57	281.45	285.74	28
29	282.70		286.09 +	283.10	285.55	285.99	286.55	284.98	284.21	282.90	281.38	285.83	29
30	282.56		285.26	282.79	285.46		286.56	285.34	283.97	282.54	281.32 -	285.92	30
31	282.48		283.41		285.82		286.58	285.72		282.22 -		286.01 +	31
Monatsmittel	282.26	281.77 -	282.89	283.07	285.43	284.99	286.32 +	285.96	284.59	283.48	282.67	283.20	
Maximum	284.16	282.44 -	286.16	285.04	287.32 +	286.48	286.80	286.66	285.86	283.94	284.30	286.04	
Datum	27.01	01.02	30.03	27.04	15.05	05.06	26.07	17.08	01.09	28.10	14.11	31.12	
Amplitude	3.11	1.10	5.12	3.00	4.68	3.34	1.65	1.94	2.78	1.84	3.00	5.31	
Jahr 2015	Mittel	283.90 m ü.M.		Maximum	287.32 (15.May)		Minimum	280.74 (14.Dec)		Amplitude	6.58 m		



Periode	2004 - 2015												
Monatsmittel	283.23	282.74 -	282.98	283.82	283.88	284.44	284.56 +	284.32	284.24	284.10	283.16	282.95	
Maximum	285.64	285.26 -	286.78	288.03	287.32	288.07 +	286.80	286.70	286.86	286.87	286.09	286.04	
Jahr	2005	2007	2009	2006	2015	2013	2015	2007	2007	2006	2007	2016	
Minimum	281.05	281.02	281.04	281.07	280.87	281.27	281.31	281.00	281.90 +	281.60	280.87	280.74 -	
Jahr	2015	2012	2015	2014	2004	2008	2005	2008	2014	2009	2006	2015	
Amplitude	3.31	3.49	5.12	5.25	4.68	4.14	4.52	3.30 -	4.02	4.38	4.70	5.31 +	
Jahr	2004	2008	2015	2010	2015	2007	2005	2006	2006	2006	2011	2016	
Periode	Mittel	283.71 m ü.M.		Maximum	288.07 (19.Jun 2013)		Minimum	280.74 (14.Dec 2015)		Amplitude	7.33 m		

Darstellung der letzten 12 Jahre

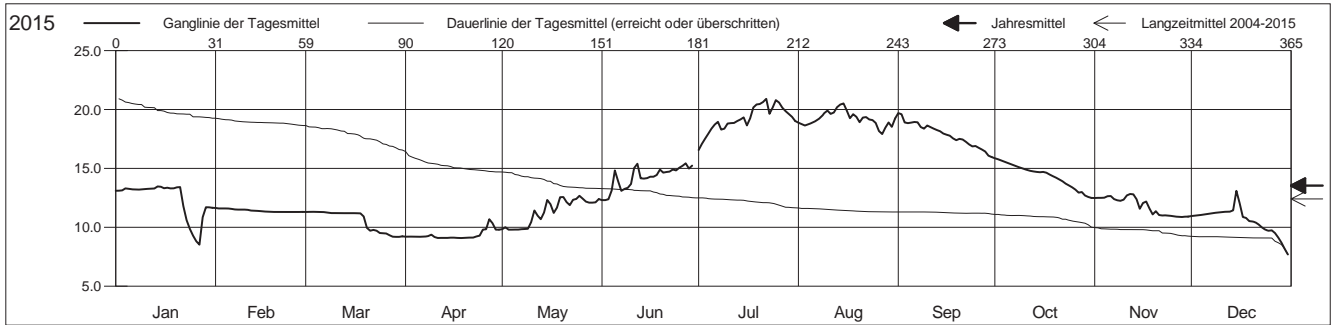


Grundwassertemperatur

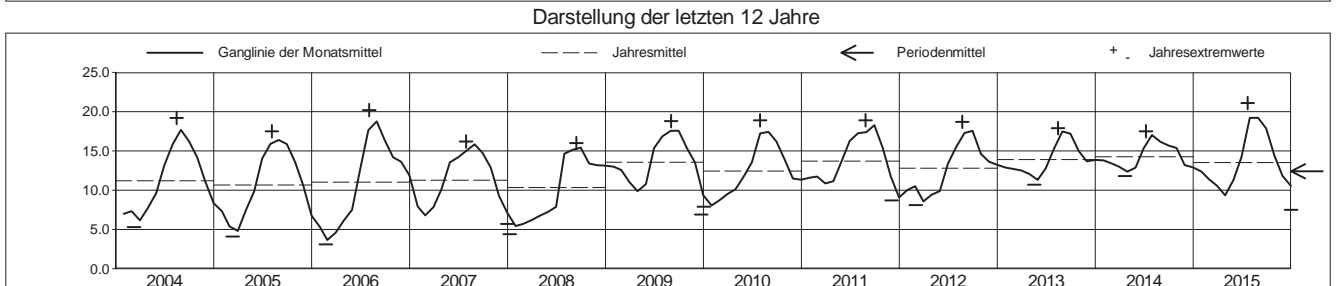
Birstal
 Aesch 11.J.15 Vers.-Anlage
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2015	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	13.1	11.6 +	11.3 +	9.2	9.8 -	12.3	16.6 -	18.9	19.7 +	15.9 +	12.5	11.0	1
2	13.1	11.6 +	11.3 +	9.2	10.0	12.3	17.1	18.8	19.6	15.8	12.5	11.0	2
3	13.1	11.6 +	11.3 +	9.2	9.8 -	12.4	17.5	18.6	18.9	15.7	12.5	11.0	3
4	13.3	11.6 +	11.3 +	9.2	9.8 -	13.1	17.9	18.7	18.8	15.6	12.5	11.1	4
5	13.3	11.6 +	11.3 +	9.2	9.8 -	14.8	18.4	18.9	18.9	15.5	12.6	11.1	5
6	13.2	11.6 +	11.3 +	9.2	9.8 -	13.9	18.7	19.0	18.9	15.4	12.7	11.1	6
7	13.2	11.5	11.3 +	9.2	9.8 -	13.1	19.0	19.1	18.9	15.3	12.4	11.2	7
8	13.2	11.5	11.2	9.3	9.9	13.3	18.3	19.4	18.5	15.2	12.3	11.2	8
9	13.2	11.5	11.2	9.4	9.9	13.4	18.4	19.7	18.4	15.0	12.2	11.3	9
10	13.2	11.5	11.2	9.2	10.4	13.7	18.8	19.9	18.6	14.9	12.3	11.3	10
11	13.3	11.5	11.2	9.1 -	11.4	15.0	18.8	19.6	18.5	14.9	12.7	11.3	11
12	13.3	11.4	11.2	9.1 -	11.0	15.4 +	18.9	19.8	18.4	14.8	12.8 +	11.3	12
13	13.3	11.4	11.2	9.1 -	10.7	14.2	19.0	20.2	18.3	14.7	12.8 +	11.3	13
14	13.5 +	11.4	11.2	9.1 -	11.3	14.1	19.2	20.4	18.2	14.7	12.4	11.4	14
15	13.4	11.4	11.2	9.1 -	12.3	14.2	19.3	20.5 +	18.0	14.7	11.6	13.1 +	15
16	13.3	11.3 -	11.2	9.1 -	12.0	14.3	18.6	19.9	17.9	14.7	12.1	12.1	16
17	13.4	11.3 -	11.2	9.1 -	11.2	14.3	19.3	19.3	17.8	14.6	12.2	10.9	17
18	13.3	11.3 -	11.2	9.1 -	11.7	14.4	20.2	19.6	17.5	14.5	11.6	10.8	18
19	13.3	11.3 -	10.9	9.1 -	12.6	14.9	20.4	19.4	17.4	14.3	11.1	10.5	19
20	13.4	11.3 -	10.0	9.1 -	12.6	14.6	20.5	18.9	17.5	14.2	11.4	10.5	20
21	13.4	11.3 -	9.7	9.1 -	12.1	14.7	20.6	19.3	17.5	14.1	11.0	10.4	21
22	11.8	11.3 -	9.8	9.1 -	11.9	14.7	20.9 +	19.4	17.3	13.9	11.0	10.2	22
23	10.6	11.3 -	9.7	9.2	12.3	14.9	19.6	19.2	17.0	13.7	11.0	10.0	23
24	9.9	11.3 -	9.5	9.3	12.4	14.8	20.2	19.1	16.9	13.6	11.0	9.8	24
25	9.3	11.3 -	9.5	9.8	12.7 +	15.1	20.8	18.9	16.9	13.4	11.0	9.7	25
26	8.8	11.3 -	9.5	9.8	12.4	15.2	20.6	18.2	16.7	13.2	10.9 -	9.7	26
27	8.5 -	11.3 -	9.3	10.7 +	12.2	15.4 +	20.2	17.9 -	16.6	12.9	10.9 -	9.5	27
28	10.9	11.3 -	9.2 -	10.3	12.1	15.0	19.9	18.5	16.4	13.0	10.9 -	9.1	28
29	11.7		9.2 -	9.8	12.1	15.2	19.6	18.9	16.1	12.7	10.9 -	8.7	29
30	11.7		9.2 -	9.8	12.1	15.1	19.4	18.5	16.0 -	12.6	10.9 -	8.2	30
31	11.7		9.2 -		12.4		19.0	19.2		12.5 -		7.7 -	31
Monatsmittel	12.4	11.4	10.5	9.3 -	11.3	14.2	19.2 +	19.2 +	17.9	14.4	11.8	10.6	
Maximum	13.8	11.7	11.4	11.1 -	12.8	15.6	21.1 +	20.6	19.8	15.9	12.9	14.6	
Datum	04.01	01.02	02.03	27.04	19.05	27.06	22.07	14.08	01.09	01.10	12.11	15.12	
Minimum	8.4	11.3	9.0	9.0	9.8	12.2	16.3	17.9 +	15.9	12.4	10.8	7.5 -	
Datum	27.01	14.02	30.03	11.04	01.05	01.06	01.07	26.08	30.09	31.10	26.11	31.12	
Amplitude	5.4	0.4	2.4	2.1	3.0	3.4	4.8	2.7	3.9	3.5	2.1	7.1	
Jahr 2015	Mittel	13.5 °C		Maximum	21.1 (22.Jul)			Minimum	7.5 (31.Dec)		Amplitude	13.6 °C	



Periode	2004 - 2015												
Monatsmittel	9.6	9.2	8.8 -	9.4	10.8	13.6	16.5	17.2 +	16.6	14.3	12.2	10.6	
Maximum	14.0	13.6	13.3	13.1 -	15.5	17.5	21.1 +	20.6	19.8	17.1	15.4	14.6	
Jahr	2014	2014	2014	2014	2011	2011	2015 +	2015	2015	2011	2009	2015	
Minimum	3.4	3.1 -	3.8	4.8	6.8	7.4	11.2	14.7 +	13.4	10.8	7.1	5.4	
Jahr	2006	2006	2006	2006	2006	2008	2008	2008	2007	2007	2005	2005	
Amplitude	5.4	2.7 -	4.1	4.6	4.7	6.0	4.8	3.6	3.9	5.5	5.5	7.2 +	
Jahr	2015	2004	2009	2007	2004	2006	2015	2006	2015	2011	2005	2006	
Periode	Mittel	12.4 °C		Maximum	21.1 (22.Jul 2015)			Minimum	3.1 (21.Feb 2006)		Amplitude	18.0 °C	

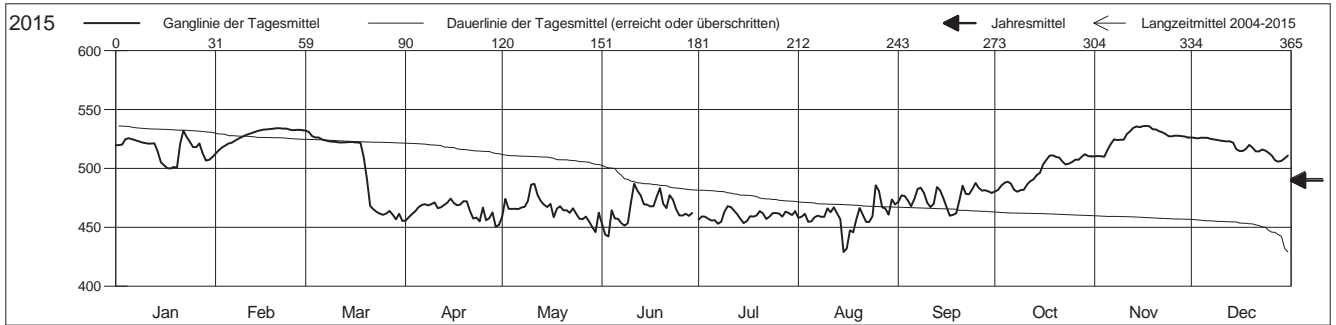


Leitfähigkeit

Birstal
 Aesch 11.J.15 Vers.-Anlage
 Abstichpunkt: 0.00 m ü.M.
 OK Terrain: 0.00 m ü.M.

Amt für Umweltschutz und Energie
Kanton Basel-Landschaft
 Koordinaten: 0.00 / 0.00

2015	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	520	512 -	532 +	456	459	453	457	458	471	480 -	510 -	526 +	1
2	520	515	531	459	474	444	459	459	477	482	511	526 +	2
3	520	518	527	461	466	442	459	462	477	485	510 -	525	3
4	525	519	526	464	466	464	457	455	473	488	510 -	526 +	4
5	526	521	526	467	466	458	456	455	468	489	516	526 +	5
6	525	522	525	469	466	457	456	458	474	487	521	526 +	6
7	524	524	524	470	467	453	453 -	460	483	482	525	525	7
8	523	525	523	469	467	452	455	459	484	480 -	524	525	8
9	522	526	523	470	472	453	463	459	479	482	524	524	9
10	521	528	523	471	486	471	468 +	466	471	482	524	524	10
11	521	529	522	466	487 +	487 +	467	463	467	486	529	523	11
12	521	530	522	467	477	481	464	467	470	489	532	523	12
13	521	531	522	469	472	477	461	462	484	491	534	523	13
14	514	532	522	471	469	470	457	457	481	494	536 +	522	14
15	505	532	522	474 +	467	469	454	429 -	475	496	535	516	15
16	503	533	522	471	470	468	455	432	467	503	536 +	515	16
17	500 -	533	522	469	459	468	459	447	460 -	507	536 +	515	17
18	500 -	534 +	522	469	466	476	459	446	461	511	536 +	517	18
19	501	534 +	510	472	468	483	460	457	462	511	533	520	19
20	501	534 +	491	472	464	470	464	466	473	510	533	518	20
21	521	534 +	468	464	464	466	462	461	485	509	532	514	21
22	532 +	534 +	465	457	462	477	457	455	478	506	531	514	22
23	527	534 +	463	458	466	474	459	455	478	503	529	516	23
24	523	533	462	455	461	466	462	459	482	504	527	515	24
25	518	532	461	467	457	460	462	486 +	488 +	506	527	513	25
26	518	533	462	456	457	460	462	481	484	507	528	511	26
27	521	533	464	458	459	461	459	467	481	507	528	507	27
28	513	532	461	463	455	460	463	466	481	510	527	506 -	28
29	507		457	450 -	450	462	462	461	480	512 +	527	506 -	29
30	507		462	452	446 -		460	474	479	510	526	509	30
31	510		456 -		462		464	470		510		511	31
Monatsmittel	516	528 +	501	464	465	465	460 -	460 -	476	497	527	518	
Maximum	538 +	535	533	484	496	490	470 -	497	491	514	538 +	527	
Datum	04.01	20.02	01.03	15.04	10.05	10.06	10.07	25.08	07.09	18.10	13.11	01.12	
Minimum	497	510 +	453	448	445	439	449	421 -	459	478	508	504	
Datum	21.01	01.02	31.03	29.04	30.05	03.06	08.07	15.08	17.09	01.10	04.11	15.12	
Amplitude	41	25	80	36	51	51	21	76	32	36	30	23	
Jahr 2015	Mittel	490		Maximum	538 (04.Jan)		Minimum	421 (15.Aug)		Amplitude	117		



Periode	2004 - 2015												
Monatsmittel	514	521 +	501	473	476	475	469 -	471	479	492	510	516	
Maximum	538	546	541	517 -	585 +	518	524	522	528	524	570	549	
Jahr	2009	2010	2009	2013	2013	2013	2011	2007	2007	2007	2011	2012	
Minimum	477	484	436	422	439	439	446	421 -	445	468	485	490 +	
Jahr	2007	2012	2012	2009	2014	2015	2013	2015	2009	2013	2013	2009	
Amplitude	53	52	80	86	128 +	58	73	76	71	49 -	66	53	
Jahr	2007	2012	2015	2010	2013	2013	2009	2015	2011	2011	2011	2006	
Periode	Mittel	491		Maximum	585 (15.May 2013)		Minimum	421 (15.Aug 2015)		Amplitude	164		

Darstellung der letzten 12 Jahre

